

Vinson & Elkins

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IAP7 Rec'd PCT/PTO 21 APR 2006  
10/533208

April 21, 2006

**MAIL STOP PCT**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF EXPRESS MAILING**

NUMBER: EV 258 030 973 US

DATE: April 21, 2006

This paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Re: U. S. National Phase Patent Application Serial No. 10/533,208 based on PCT/US03/34207 entitled "Array Oligomers Synthesis and Use" by Xiaolian Gao, et al.  
(Our Ref: INV850/4-011US/55006)

Dear Sirs:

Enclosed for filing in connection with the above-referenced patent application are the following:

1. Amendment and Response to Notification of Missing Requirements dated October 21, 2005;
2. Petition Under CFR §1.47 (You and Cai);
3. Sequence Listing (paper copy and compact disc);
4. Sequence Statement;
5. Declarations (Gao, Zhou, Zhang);
6. Copy of Notification of Missing Requirements dated October 21, 2005;
7. Credit Card Payment Form; and
8. A return postcard to acknowledge receipt of these documents. Please date stamp and mail this postcard upon receipt.

If the referenced Credit Card Payment Form is insufficient or otherwise deficient, or should an overpayment be included herein, the Commissioner is authorized to appropriately deduct or credit the requisite amount from Vinson & Elkins L.L.P. Deposit Account No. 22-0365/INV850/4-011US/55006.

Respectfully submitted,



Margaret J. Sampson

MJS/cp  
Enclosures

V&E

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JC14 Rec'd PCT/PTO 28 APR 2005

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any additional fees under 37 C.F.R. §§ 1.16 to 1.18 be required for any reason relating to the enclosed materials, the Commissioner is authorized to deduct or credit said fees from or to referenced deposit account.

Respectfully submitted,

*Margaret Sampson*

Margaret J. Sampson  
Reg. No. 47,052

1864:3058

Encls.

Spec. 70

Claims. 8

Drawings. 29

Abstract. 1

108

FEE VALUE ACCOUNTABILITY	
DEPOSIT ACCOUNT NO.	
22 0365	
FEE CODE	VALUE FUNDED
1632	500
1641	100
1614	1000
1614	800
1615	600
1681	250

50412.

Adjustment Date: 10/20/2005 WALVARAD  
05/06/2005 MKAYPAGH 00000118 220365 10533208  
02 FC:1632 500.00 CR  
05 FC:1614 1000.00 CR

10/20/2005 WALVARAD 00000003 220365 10533208  
Sale Ref: 00000005 DAH: 220365 10533208  
01 FC:1641 100.00 DA  
02 FC:1614 800.00 DA  
03 FC:1615 600.00 DA  
04 FC:1681 250.00 DA



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INV850/4-1145

MJA

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/533,208	Xiaolian Gao	INV850/4-011US/55006

INTERNATIONAL APPLICATION NO.	
PCT/US03/34207	
I.A. FILING DATE	PRIORITY DATE
10/28/2003	

Vinsn & Elkins  
 2300 First City Tower  
 1001 Fannin Street  
 Houston, TX 77002-6760

RECEIVED

OCT 25 2005

IP Docket Office  
 Vinson & Elkins

CONFIRMATION NO. 9106

371 FORMALITIES LETTER



\*OC000000017301331\*

Date Mailed: 10/21/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/28/2005
- Copy of the International Search Report filed on 04/28/2005
- U.S. Basic National Fees filed on 04/28/2005
- Priority Documents filed on 04/28/2005
- Specification filed on 04/28/2005
- Claims filed on 04/28/2005
- Abstracts filed on 04/28/2005
- Drawings filed on 04/28/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825

- (d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/533,208	PCT/US03/34207	INV850/4-011US/55006